

SAFETY DATA SHEET

Mildew Stain Remover

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Printed: 05/11/2015

Revision: 05/09/2015

Supersedes Revision: 06/21/2005

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Mildew Stain Remover	
Company Name:	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	Phone Number: (901)775-0100
Web site address:	www.wmbarr.com	
Emergency Contact Information:	3E 24 Hour Emergency Contact W.M. Barr Customer Service	(800)451-8346 (800)398-3892
Intended Use:	Mold and Mildew Stain Remover	
Synonyms:	QKMR30704	
Additional Information	This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.	

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 1A-1C**Serious Eye Damage/Eye Irritation, Category 1**

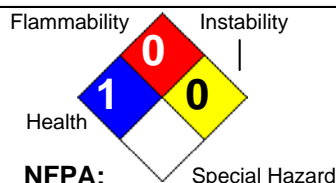
GHS Signal Word:	Danger
GHS Hazard Phrases:	H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage.
GHS Precaution Phrases:	P260: Do not breathe gas/mist/vapors/spray. P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor/physician. P321: Specific treatment see label. P363: Wash contaminated clothing before reuse.
GHS Storage and Disposal Phrases:	P405: Store locked up. P501: Dispose of contents/container according to local, state and federal regulations.

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Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
PHYSICAL	0
PPE	B

**HMIS:****OSHA Regulatory Status:**

This material is classified as hazardous under OSHA regulations.

**Potential Health Effects
(Acute and Chronic):****Inhalation Acute Exposure Effects:**

May cause irritation of respiratory tract and irritation of mucous membranes. If sodium hypochlorite is mixed with ammonia or other chemicals, evolution of chlorine or chlorine based compounds results. These gases can produce pulmonary edema. NEVER MIX WITH ANY OTHER CHEMICALS.

Skin Contact Acute Exposure Effects:

This product is a skin irritant. May cause redness and possibly inflammation of the skin. May cause chemical burns to broken skin.

Eye Contact Acute Exposure Effects:

This material is an eye irritant.

Ingestion Acute Exposure Effects:

Liquid can be corrosive to the mouth and throat, mucous membranes and stomach. Swallowing can burn the tissues, cause abdominal pain, nausea, vomiting, circulatory collapse, confusion, delirium, coma, and collapse. Swallowing large quantities can cause death.

Chronic Exposure Effects:

Prolonged or repeated contact may cause dermatitis and sensitization. May cause constant irritation of eyes and respiratory tract.

Medical Conditions Generally Aggravated By Exposure: Asthma or other pre-existing lung/respiratory illnesses.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	< 5.0 %	NH3486300

Additional Chemical Information

Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	<p>Inhalation: If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.</p> <p>Skin contact: Wash with soap and large quantities of water for at least 15 minutes. Seek medical attention if irritation from contact persists.</p> <p>Eye contact: Immediately flush eyes with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.</p> <p>Ingestion: If conscious, drink one or two glasses of water or milk, or give milk of magnesia. Never attempt to give anything by mouth to an unconscious person. Call your poison control center, hospital emergency room, or physician immediately.</p>
Signs and Symptoms Of Exposure:	<p>Primary routes of exposure: Inhalation and dermal.</p>
Note to Physician:	<p>Call your local poison control center for further instructions.</p>

5. FIRE FIGHTING MEASURES

Flash Pt:	N/A
Explosive Limits:	No data.
Autoignition Pt:	LEL: No data. UEL: No data.
Suitable Extinguishing Media:	No data.
Unsuitable Extinguishing Media:	Non-combustible liquid - use extinguishing media for underlying cause of fire.
Fire Fighting Instructions:	None known.
Flammable Properties and Hazards:	Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Use water spray to cool nearby containers and structures exposed to fire.
	This material is non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	<p>Clean-up: Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.</p> <p>Small spills: Take up the spilled liquid with sand, earth, or other noncombustible absorbent material and place in a plastic container where applicable.</p> <p>Large spills: Dike far ahead of spill for later disposal.</p> <p>Keep material out of sewers, storm drains, surface waters, and soil. Sodium hypochlorite is very toxic to aquatic life.</p>
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Precautions To Be Taken in Storing: Keep container tightly closed when not in use. Store in a cool, dry place. Protect from freezing. Avoid extreme high or low temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	No data.	No data.	No data.

Respiratory Equipment (Specify Type): For OSHA controlled work place and other regular users -- Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirators. A dust mask does not provide protection against vapors.

Eye Protection: Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

Chemical splash goggles or safety glasses with a faceshield should be worn if the possibility of splashing exists.

Protective Gloves: Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

Other Protective Clothing: Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

Engineering Controls (Ventilation etc.): Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering -- Stop -- ventilation is inadequate. Leave area immediately.

Work/Hygienic/Maintenance Practices: A source of clean water should be available in the work area for flushing eyes and skin.

Do not eat, drink, or smoke in the work area.

Wash hands thoroughly after use.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas	[X] Liquid	[] Solid
Appearance and Odor:	Light yellow, free and clear.		
Melting Point:	No data.		
Boiling Point:	> 212.00 F		
Autoignition Pt:	No data.		
Flash Pt:	No data.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	1.06		
Bulk density:	8.84 LB/GA		
Vapor Pressure (vs. Air or mm Hg):	< 0.1 MM HG		
Vapor Density (vs. Air = 1):	> 1		
Evaporation Rate:	< 1		
Solubility in Water:	No data.		
Solubility Notes:	Completely soluble in water.		
pH:	12 - 13		
Percent Volatile:	N.D.		

10. STABILITY AND REACTIVITY

Stability:	Unstable []	Stable [X]
Conditions To Avoid - Instability:	No data available.	
Incompatibility - Materials To Avoid:	Incompatible with acids, ammonia, or other household chemicals. Do not mix with acids, ammonia, or other household chemicals as dangerous fumes may result.	
	Incompatible with strong oxidizing and reducing agents.	
Hazardous Decomposition or Byproducts:	Thermal decomposition may produce chlorine gas.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.	

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11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product was not tested as a whole. Refer to section 2 for acute and chronic effects.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: This product was not tested as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state, and federal laws.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated by 49 CFR.

DOT Hazard Class:

UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	No	Yes 100 LB	No

This material meets the EPA Yes No Acute (immediate) Health Hazard

'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard

for SARA Title III Sections Yes No Fire Hazard

311/312 as indicated: Yes No Sudden Release of Pressure Hazard

Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. OTHER INFORMATION

Revision Date: 05/09/2015

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.